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Legal Department, DL429
Intellectual Property Administration
P.O. Box 7599
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9P1635
PATENT APPLICATION

ATTORNEY DOCKET NO. 10020230-1
2003309-0028

IN THE
UNITED STATES PATENT AND TRADEMARK OFFICE

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#24/I.D.S.

Inventor(s): Sampson, et al.

Serial No.: TBA

Examiner: TBA

Filing Date: Dec. 18, 2003

Group Art Unit: TBA

Title: METHOD OF PRODUCING NUCLEIC ACID MOLECULES WITH REDUCED SECONDARY
STRUCTURE

COMMISSIONER FOR PATENTS
Washington, D.C. 20231

INFORMATION DISCLOSURE STATEMENT

Sir:

This Information Disclosure Statement is submitted:

- ☒ under 37 CFR 1.97(b), or
(Within three months of filing national application; or date of entry of national application; or before mailing date of first office action on the merits; whichever occurs last)
- ☐ under 37 CFR 1.97(c) together with either a:
☐ Statement under 37 CFR 1.97(e), or
☐ a \$180.00 Processing fee under 37 CFR 1.17(p), or
(After the CFR 1.97 (b) time period, but before final action or notice of allowance, whichever occurs first)
- ☐ under 37 CFR 1.97 (d) together with a:
☐ Statement under 37 CFR 1.97(e), and
☐ a \$180.00 processing fee under 37 CFR 1.17(p).
(Filed after final action or notice of allowance, whichever occurs first, but before payment of the issue fee)

Please charge to Deposit Account **50-1078** the sum of \$0.00. At any time during the pendency of this application, please charge any fees required or credit any overpayment to Deposit Account **50-1078** pursuant to 37 CFR 1.25.

☒ Applicant(s) submit herewith Form PTO 1449. References identified with an asterisk (*) were disclosed in Patent Application No. 09/358,141* filed 07-20-1999, now U. S. Patent No. _____, and, as such, copies thereof are not included pursuant to the provisions of 37 CFR 1.98(d). *and in Patent Application No. 06/632,639 filed 07/31/2000

☐ A concise explanation of the relevance of foreign language patents, foreign language publications and other foreign language information listed on PTO Form 1449, as presently understood by the individuals(s) designated in 37 CFR 1.56 (c) most knowledgeable about the content is given on the attached sheet, or where a foreign language patent is cited in a search report or other action by a foreign patent office in a counterpart foreign application, an English language version of the search report or action which indicates the degree of relevance found by the foreign office is listed on form PTO 1449 and is enclosed herewith.

I hereby certify that this correspondence is being deposited with the United States Postal Service as first class mail in an envelope addressed to: Commissioner for Patents, Washington, D.C. 20231.

Date of Deposit: **April 7, 2003**

Typed Name: **Linda M. Amato**

Signature: _____

Respectfully submitted,

Sampson, et al.

By


Brenda Herschbach Jarrell, Ph.D

Attorney/Agent for Applicant(s)
Reg. No. **39,223**

Date: **April 7, 2003**



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	*	WO 95/04160	9 Feb 1995	Southern, et al.		
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	*	WO 97/35033	25 Sep 1995	Boyce-Jacino, et al.		
	*	WO 97/12896	10 Apr 1997	Kutyavin, et al		

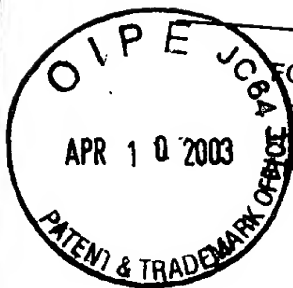
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*	Bailly and Waring, "The Use of Diaminopurine to Investigate Structural Properties of Nucleic Acids and Molecular Recognition Between Ligands and DNA", Nucleic Acids Research, 26 (19); 4309-4314, 1998.
*	Beaucage and Caruthers, "Deoxynucleoside Phosphoramidites - A New Class of Key Intermediates for Deoxypolynucleotide Synthesis", Tetrahedron Letters, 22:1859-1862, 1981.
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Deamer, et al., "Nanopores and Nucleic Acids: Prospects for Ultrarapid Sequencing", Trends in Biotech, 18:147-151, 2000.

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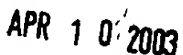
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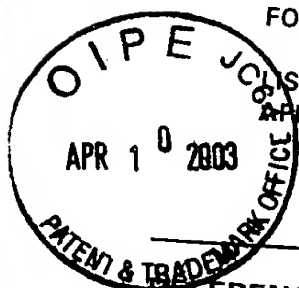
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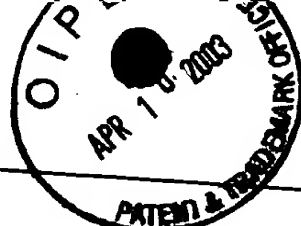
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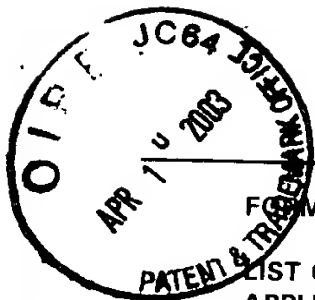
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*	Ling, Yi-He, et al., "Consequences of 6-Thioguanine Incorporation into DNA on Polymerase, Ligase and Endonuclease Reaction", Molecular Pharmacology, 42:802-807, 1992.
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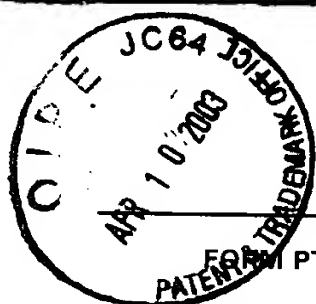
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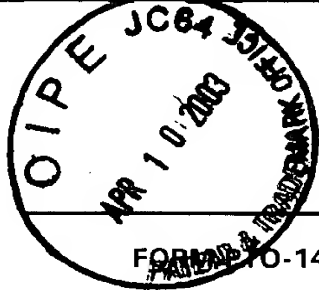
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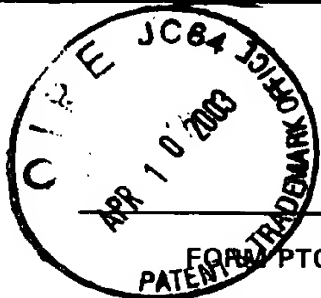
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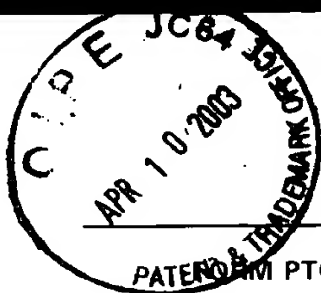
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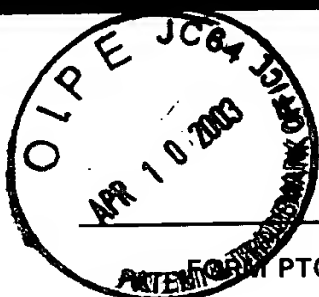
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